

# HAP Emissions From Manufacturing SIC Categories (pounds)

		Grand Total (manufacturers <3/5)	Grand Total (manufacturers >3/5)	Grand Total (all manufacturers)	% of Emissions Under Full Review	Pollutant Name
1,3-Butadiene	Sum of lbs/yr.	7	8,087	8,094	99.92%	1,3-Butadiene
	Count of FID	2	2	4		
2,2,4-Trimethyl	Sum of lbs/yr.	8	9,873	9,881	99.92%	2,2,4-Trimethyl
	Count of FID	2	6	8		
2-Butoxyethanol	Sum of lbs/yr.	4,054	684,326	688,380	99.41%	2-Butoxyethanol
	Count of FID	3	61	64		
Acetaldehyde	Sum of lbs/yr.	238	512,478	512,716	99.95%	Acetaldehyde
	Count of FID	3	34	37		
Acetic acid	Sum of lbs/yr.	424	388,224	388,648	99.89%	Acetic acid
	Count of FID	3	19	22		
Acetic anhydrid	Sum of lbs/yr.	99	4,080	4,179	97.64%	Acetic anhydrid
	Count of FID	1	1	2		
Acetonitrile	Sum of lbs/yr.	2	698	700	99.71%	Acetonitrile
	Count of FID	1	1	2		
Acrolein	Sum of lbs/yr.	115	11,889	12,004	99.04%	Acrolein
	Count of FID	2	18	20		
Acrylonitrile	Sum of lbs/yr.	93	2,117	2,210	95.78%	Acrylonitrile
	Count of FID	3	7	10		
Aluminum alkyls	Sum of lbs/yr.	5	10,668	10,673	99.96%	Aluminum alkyls
	Count of FID	1	3	4		
Ammonia	Sum of lbs/yr.	15,210	993,183	1,008,393	98.49%	Ammonia
	Count of FID	19	83	102		
Benzene	Sum of lbs/yr.	1,776	228,341	230,117	99.23%	Benzene
	Count of FID	39	117	156		
Cadmium and cad	Sum of lbs/yr.	2	2,574	2,575	99.94%	Cadmium and cad
	Count of FID	1	34	35		
Carbon black	Sum of lbs/yr.	293	11,294	11,586	97.47%	Carbon black
	Count of FID	1	17	18		
Carbon tetrachl	Sum of lbs/yr.	3	4,539	4,543	99.93%	Carbon tetrachl
	Count of FID	1	7	8		
Chlorine	Sum of lbs/yr.	2,190	109,423	111,613	98.04%	Chlorine
	Count of FID	1	23	24		
Chloroform	Sum of lbs/yr.	5,003	249,285	254,289	98.03%	Chloroform
	Count of FID	3	24	27		
Chromium (III)	Sum of lbs/yr.	7	7,038	7,045	99.89%	Chromium (III)
	Count of FID	2	12	14		
Chromium (metal)	Sum of lbs/yr.	5	9,210	9,216	99.94%	Chromium (metal)
	Count of FID	1	26	27		
Chromium (VI) c	Sum of lbs/yr.	152	58	210	27.69%	Chromium (VI) c
	Count of FID	7	8	15		
Cobalt, as Co,	Sum of lbs/yr.	21	1,300	1,321	98.45%	Cobalt, as Co,
	Count of FID	1	20	21		
Copper, dust &	Sum of lbs/yr.	1	29,130	29,131	100.00%	Copper, dust &
	Count of FID	1	32	33		
Crotonaldehyde	Sum of lbs/yr.	507	96	603	15.92%	Crotonaldehyde
	Count of FID	2	2	4		
Cyclohexanol	Sum of lbs/yr.	46	102	148	69.02%	Cyclohexanol
	Count of FID	1	1	2		
Cyclohexanone	Sum of lbs/yr.	2,047	84,127	86,174	97.62%	Cyclohexanone
	Count of FID	2	19	21		
Di(2-ethylhexyl)	Sum of lbs/yr.	2	104	106	98.52%	Di(2-ethylhexyl)
	Count of FID	1	3	4		
Diazinon	Sum of lbs/yr.	118	0	118	0.00%	Diazinon
	Count of FID	1	0	1		
Diethyl phthala	Sum of lbs/yr.	1	263	265	99.56%	Diethyl phthala
	Count of FID	1	3	4		
Dimethyl sulfat	Sum of lbs/yr.	10	0	10	0.00%	Dimethyl sulfat
	Count of FID	1	0	1		
Epichlorohydrin	Sum of lbs/yr.	510	0	510	0.00%	Epichlorohydrin
	Count of FID	1	0	1		
ETHANE	Sum of lbs/yr.	1,534	16,979	18,513	91.71%	ETHANE
	Count of FID	18	65	83		
Ethanalamine	Sum of lbs/yr.	23	26,662	26,684	99.91%	Ethanalamine
	Count of FID	1	6	7		
Ethyl benzene	Sum of lbs/yr.	449	227,306	227,755	99.80%	Ethyl benzene
	Count of FID	4	73	77		
Ethylene glycol	Sum of lbs/yr.	4	25,741	25,745	99.98%	Ethylene glycol
	Count of FID	1	13	14		
Ethylene oxide	Sum of lbs/yr.	0	147	147	100.00%	Ethylene oxide
	Count of FID	0	3	3		
Formaldehyde	Sum of lbs/yr.	27,021	354,260	381,280	92.91%	Formaldehyde
	Count of FID	86	218	304		
Furfuryl alcoho	Sum of lbs/yr.	9	8,751	8,760	99.90%	Furfuryl alcoho
	Count of FID	1	1	2		
Glycol ethers	Sum of lbs/yr.	6,286	1,307,310	1,313,595	99.52%	Glycol ethers
	Count of FID	6	99	105		
Hydrogen chlori	Sum of lbs/yr.	3,770	6,660,520	6,664,290	99.94%	Hydrogen chlori
	Count of FID	7	64	71		
Hydrogen fluori	Sum of lbs/yr.	4,626	1,509,303	1,513,929	99.69%	Hydrogen fluori
	Count of FID	3	49	52		
Hydrogen sulfid	Sum of lbs/yr.	35,135	267,507	302,642	88.39%	Hydrogen sulfid
	Count of FID	1	13	14		

# HAP Emissions From Manufacturing SIC Categories (pounds)

Pollutant Name		Grand Total (manufacturers <3/5)
Iron salts, sol	Sum of lbs/yr.	100
	Count of FID	1
Isobutyl alcoho	Sum of lbs/yr.	78
	Count of FID	2
Lead compounds	Sum of lbs/yr.	1,927
	Count of FID	1
Manganese, as M	Sum of lbs/yr.	2,870
	Count of FID	6
Mercury, as Hg.	Sum of lbs/yr.	39
	Count of FID	2
METHANE	Sum of lbs/yr.	6,729
	Count of FID	27
Methanol	Sum of lbs/yr.	5,379
	Count of FID	7
Methyl ethyl ke	Sum of lbs/yr.	54,014
	Count of FID	8
Methyl iodide	Sum of lbs/yr.	82
	Count of FID	1
Methyl isoamyl	Sum of lbs/yr.	72
	Count of FID	1
Methyl isobutyl	Sum of lbs/yr.	1,639
	Count of FID	1
Methyl n-amyl k	Sum of lbs/yr.	106
	Count of FID	1
Methyl tert-but	Sum of lbs/yr.	1,448
	Count of FID	1
Methylene bisph	Sum of lbs/yr.	1
	Count of FID	1
Methylene chlor	Sum of lbs/yr.	351,031
	Count of FID	3
Naphthalene	Sum of lbs/yr.	25
	Count of FID	1
N-BUTANE	Sum of lbs/yr.	1,039
	Count of FID	18
n-Butyl alcohol	Sum of lbs/yr.	1,173
	Count of FID	4
n-Hexane	Sum of lbs/yr.	2,288
	Count of FID	24
Nickel compound	Sum of lbs/yr.	384
	Count of FID	4
Nitric acid	Sum of lbs/yr.	5,513
	Count of FID	5
N-PENTANE	Sum of lbs/yr.	1,287
	Count of FID	18
n-Valeraldehyde	Sum of lbs/yr.	26
	Count of FID	1
Perchloroethyle	Sum of lbs/yr.	14,941
	Count of FID	1
Phenol	Sum of lbs/yr.	129
	Count of FID	1
Phosphoric acid	Sum of lbs/yr.	1,559
	Count of FID	1
Polychlorinated	Sum of lbs/yr.	93
	Count of FID	1
Polycyclic organ	Sum of lbs/yr.	97
	Count of FID	4
PROPANE	Sum of lbs/yr.	792
	Count of FID	18
Propylene oxide	Sum of lbs/yr.	173
	Count of FID	1
Pyridine	Sum of lbs/yr.	388
	Count of FID	1
Sodium hydroxid	Sum of lbs/yr.	1,641
	Count of FID	5
Stoddard solven	Sum of lbs/yr.	1,931
	Count of FID	3
Styrene, monome	Sum of lbs/yr.	9,045
	Count of FID	6
SULFUR TRIOXIDE	Sum of lbs/yr.	2,160
	Count of FID	14
Sulfuric acid	Sum of lbs/yr.	6,442
	Count of FID	13

Grand Total (manufacturers >3/5)
5,504
3
109,031
25
10,436
27
53,243
44
3,944
38
28,956
73
5,058,916
81
1,452,203
138
0
0
146,762
19
683,109
72
407,017
48
15,261
3
1,558
9
243,905
18
45,838
32
11,502
65
443,455
64
235,616
102
20,637
59
21,483
3
14,241
65
0
0
37,032
10
115,609
30
4,681
12
0
0
1,707
12
8,761
62
361
2
0
0
33,600
12
1,244,054
65
1,257,106
40
1,811
15
2,008,290
37

Grand Total (all manufacturers)
5,603
4
109,110
27
12,362
28
56,113
50
3,983
40
35,685
100
5,064,296
88
1,506,217
146
82
1
146,835
20
684,748
73
407,123
49
16,709
4
1,559
10
594,936
21
45,863
33
12,541
83
444,627
68
237,905
126
21,021
63
26,996
8
15,527
83
26
1
51,973
11
115,739
31
6,240
13
93
1
1,803
16
9,553
80
534
3
388
1
35,241
17
1,245,985
68
1,266,152
46
3,971
29
2,014,732
50

% of Emissions Under Full Review	Pollutant Name
98.22%	Iron salts, sol
99.93%	Isobutyl alcoho
84.42%	Lead compounds
94.89%	Manganese, as M
99.01%	Mercury, as Hg.
81.14%	METHANE
99.89%	Methanol
96.41%	Methyl ethyl ke
0.00%	Methyl iodide
99.95%	Methyl isoamyl
99.76%	Methyl isobutyl
99.97%	Methyl n-amyl k
91.33%	Methyl tert-but
99.94%	Methylene bisph
41.00%	Methylene chlor
99.95%	Naphthalene
91.71%	N-BUTANE
99.74%	n-Butyl alcohol
99.04%	n-Hexane
98.17%	Nickel compound
79.58%	Nitric acid
91.71%	N-PENTANE
0.00%	n-Valeraldehyde
71.25%	Perchloroethyle
99.89%	Phenol
75.01%	Phosphoric acid
0.00%	Polychlorinated
94.65%	Polycyclic organ
91.71%	PROPANE
67.64%	Propylene oxide
0.00%	Pyridine
95.34%	Sodium hydroxid
99.85%	Stoddard solven
99.29%	Styrene, monome
45.60%	SULFUR TRIOXIDE
99.68%	Sulfuric acid

# HAP Emissions From Manufacturing SIC Categories (pounds)

		Grand Total (manufacturers <3/5)
Pollutant Name		
Tetrahydrofuran	Sum of lbs/yr.	19,226
	Count of FID	2
Thionyl chlorid	Sum of lbs/yr.	79
	Count of FID	1
Tin (metal)	Sum of lbs/yr.	203
	Count of FID	1
Toluene (Toluol	Sum of lbs/yr.	183,497
	Count of FID	21
Toluene-2,4-dii	Sum of lbs/yr.	146
	Count of FID	3
Trichloroethyle	Sum of lbs/yr.	2,646
	Count of FID	2
Triethylamine	Sum of lbs/yr.	514
	Count of FID	2
Trimethyl benze	Sum of lbs/yr.	71
	Count of FID	4
Vinyl acetate	Sum of lbs/yr.	5
	Count of FID	1
Vinyl chloride	Sum of lbs/yr.	292
	Count of FID	3
Vinyl toluene	Sum of lbs/yr.	1,650
	Count of FID	1
Xylene, mixed i	Sum of lbs/yr.	5,439
	Count of FID	9
ZINC	Sum of lbs/yr.	9
	Count of FID	7
Zirconium and c	Sum of lbs/yr.	384
	Count of FID	1
Total Sum of lbs/yr.		802,604

		Grand Total (manufacturers >3/5)
		129,919
		4
		0
		0
		687
		3
		1,795,633
		163
		67
		7
		404,047
		25
		62,146
		9
		196,027
		39
		32,105
		12
		386
		5
		65,421
		6
		2,147,118
		164
		1,962
		29
		3,372
		4
		34,189,177

		Grand Total (all manufacturers)
		149,145
		6
		79
		1
		890
		4
		1,979,130
		184
		213
		10
		406,693
		27
		62,659
		11
		196,097
		43
		32,110
		13
		678
		8
		67,071
		7
		2,152,557
		173
		1,971
		36
		3,756
		5
		34,991,781

% of Emissions Under Full Review	Pollutant Name
87.11%	Tetrahydrofuran
0.00%	Thionyl chlorid
77.23%	Tin (metal)
90.73%	Toluene (Toluol
31.49%	Toluene-2,4-dii
99.35%	Trichloroethyle
99.18%	Triethylamine
99.96%	Trimethyl benze
99.98%	Vinyl acetate
56.93%	Vinyl chloride
97.54%	Vinyl toluene
99.75%	Xylene, mixed i
99.52%	ZINC
89.77%	Zirconium and c
97.71%	